

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B60K37/06 B60K35/00 G09F9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 B60K G09F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 57 837 A (MANNESMANN VDO AG) 21 June 2000 (2000-06-21) the whole document	1-3, 20
Y	-----	4-7
X	EP 1 089 307 A (BAYERISCHE MOTOREN WERKE AG) 4 April 2001 (2001-04-04)	1-3, 20
Y	the whole document	4-7
Y	DE 198 49 973 A (BOSCH GMBH ROBERT) 11 May 2000 (2000-05-11)	4-7
A	the whole document	1, 20
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 12, 31 October 1998 (1998-10-31) & JP 10 188733 A (FUJITSU TEN LTD), 21 July 1998 (1998-07-21) abstract	1, 7, 20

	-/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

11 January 2005

Date of mailing of the international search report

21/01/2005

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/010795

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 197 51 649 A (BOSCH GMBH ROBERT) 27 May 1999 (1999-05-27) the whole document -----	1,4-9
A	WO 03/036455 A (BADARNEH ZIAD) 1 May 2003 (2003-05-01) abstract; figures 1,2a,29b -----	1,11,15, 20

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2004/010795

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 19857837	A	21-06-2000	DE EP US	19857837 A1 1010585 A2 6348772 B1		21-06-2000 21-06-2000 19-02-2002
EP 1089307	A	04-04-2001	DE EP	19947406 C1 1089307 A2		08-02-2001 04-04-2001
DE 19849973	A	11-05-2000	DE	19849973 A1		11-05-2000
JP 10188733	A	21-07-1998	NONE			
DE 19751649	A	27-05-1999	DE IT US	19751649 A1 MI982435 A1 6456260 B1		27-05-1999 21-05-1999 24-09-2002
WO 03036455	A	01-05-2003	NO NO WO	20014796 A 20020896 A 03036455 A1		03-04-2003 03-04-2003 01-05-2003